

United States of America  
Department of Transportation — Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* SA4131SW

*This certificate, issued to*

S-TEC Corporation  
Rt. 4, Bldg. 946  
Wolters Industrial Complex  
Mineral Wells, TX 76067

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product — Type Certificate Number:* 2A3

*Make:* Mooney

*Model:* M20C, M20E, M20F, M20G, M20J

*Description of Type Design Change:* Installation of S-TEC System 60 Single Axis Automatic Flight Guidance System, Model ST-004 according to Bulletin No. 104, Revision 3, dated 3-23-82 and Master Drawing List No. 9205, Revision C dated 3-23-82, or later FAA approved revision. (14 Volt System)

*Limitations and Conditions:* See Continuation Sheet, page 2, of this STC.

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

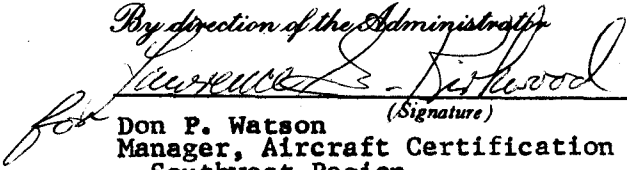
*Date of application:* May 14, 1980

*Date reissued:* 11/17/80; 7/12/82  
Revision 2

*Date of issuance:* May 27, 1980

*Date amended:*



*By direction of the Administrator*  
*for*   
(Signature)  
Don P. Watson  
Manager, Aircraft Certification Division  
Southwest Region

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

This certificate may be transferred in accordance with FAR 21.47.

United States of America  
Department of Transportation—Federal Aviation Administration  
**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA4131SW

Revision 2

**Limitations and Conditions:**

1. Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8904 dated 5/27/80 is required for Mooney Models M20C and M20E; OR,

Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement P/N 8904-1 dated 11/17/80 is required for Mooney Models M20C, M20E, M20F, and M20J; OR,

FAA Approved Supplement to Pilot's Operating Handbook and/or FAA Approved Airplane Flight Manual P/N 8904-2 dated 7/12/82 is required for Mooney Model M20J; OR,

FAA Approved Supplemental Flight Manual P/N 89131 dated 7/12/82 is required for Mooney Models M20C, M20E, M20F, and M20G.

2. Compatibility of this modification with other previously approved modifications must be determined by the installer.

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*Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.*

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

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### TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number \_\_\_\_\_

to *(Name of transferee)* \_\_\_\_\_

*(Address of transferee)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

from *(Name of grantor)* *(Print or type)* \_\_\_\_\_

*(Address of grantor)* \_\_\_\_\_

*(Number and street)*

\_\_\_\_\_  
*(City, State, and ZIP code)*

Extent of Authority (if licensing agreement): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Date of Transfer: \_\_\_\_\_

Signature of grantor *(In ink)*: \_\_\_\_\_